

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-26 (Canceled).

Claim 27 (Currently Amended): A system for acoustical communication comprising:  
an eyeglass frame having

a plurality of directionally dependent microphones to capture one or more  
voice signals,

a ~~communication unit~~ transmitter configured to transmit the one or more  
captured voice signals to one or more external electronic devices, and

a control module configured to ~~dynamically~~ adjust directional dependence of  
at least ~~[[one]]~~ a first directionally dependent microphone of the plurality of  
directionally dependent ~~microphones~~ microphone, ~~the control module adaptively~~  
~~adjusting the position of the at least one first directionally dependent microphone~~  
based on the one or more voice signals captured by the first directionally dependent  
microphone and at least ~~[[one]]~~ a second directionally dependent microphone of the  
plurality of directionally dependent microphones.

wherein the second directionally dependent microphone is located on an ear  
engaging portion of the eyeglass frame.

Claim 28 (Currently Amended): The system for acoustical communication according  
to claim 27, wherein ~~at least one~~ the second directionally dependent microphone is a contact  
microphone.

Claim 29 (Currently Amended): The system for acoustical communication according to claim 27, wherein the one or more voice ~~signal~~ signals captured by ~~[[a]]~~ the first directionally dependent microphone ~~[[is]]~~ are filtered by the control module based on the one or more voice ~~signal~~ signals captured by a third directionally dependent microphone.

Claim 30 (Currently Amended): The system for acoustical communication according to claim 27, further comprising:

an amplifier controlled by the one or more voice ~~signal~~ signals captured by a third directionally dependent microphone.

Claim 31 (Currently Amended): The system for acoustical communication according to claim 27, wherein the one or more voice ~~signal~~ signals captured by a directionally dependent microphone ~~[[is]]~~ are processed based on reference filters.

Claim 32 (Previously Presented): The system for acoustical communication according to claim 27, wherein at least one directionally dependent microphone is included in at least one microphone array.

Claim 33 (Original): The system for acoustical communication according to claim 32, wherein the at least one microphone array is implemented in MEMS technology.

Claim 34 (Currently Amended): The system for acoustical communication according to claim 27, wherein the one or more external electronic devices include a mobile radio device.

Claim 35 (Previously Presented): The system for acoustical communication according to claim 27, wherein the eyeglass frame further includes a retinal scanning display.

Claim 36 (Previously Presented): The system for acoustical communication according to claim 35, wherein the eyeglass frame further includes a direction module configured to capture a direction of view.

Claim 37 (Previously Presented): The system for acoustical communication according to claim 27, further comprising:

a speech recognition module configured to capture spoken commands via at least one directionally dependent microphone.

Claim 38 (Previously Presented): The system for acoustical communication according to claim 27, further comprising:

at least one of Bluetooth, ZigBee, GSM and UMTS interfaces.

Claim 39 (Previously Presented): The system for acoustical communication according to claim 27, where in the eyeglass frame further includes photovoltaic cells configured to supply power.

Claim 40 (Currently Amended): A method for acoustical communication,  
comprising:

capturing one or more voice signals via a plurality of directionally dependent  
microphones installed on an eyeglass frame;

transmitting, via a wireless interface, the one or more captured voice signals to ~~[[an]]~~  
one or more external devices ~~device~~;

~~dynamically~~ adjusting, via a control module, directional dependence of ~~[[the]]~~ at least  
~~[[one]]~~ a first directionally dependent microphone of the plurality of directionally dependent  
microphones ~~, the control module adaptively adjusting the position of at least one first~~  
~~directionally dependent microphone~~ based on the one or more voice signals captured by the  
first directionally dependent microphone and at least ~~[[one]]~~ a second directionally dependent  
microphone of the plurality of directionally dependent microphones

wherein the second directionally dependent microphone is located on an ear engaging  
portion of the eyeglass frame.

Claim 41 (Currently Amended): The method for acoustical communication according  
to claim 40, wherein ~~at least one~~ the second directionally dependent microphone is a contact  
microphone.

Claim 42 (Currently Amended): The method for acoustical communication according to claim 40, further comprising:

filtering the one or more voice ~~signal~~ signals captured by ~~[[a]]~~ the first directionally dependent microphone based on the one or more voice ~~signal~~ signals captured by a third directionally dependent microphone.

Claim 43 (Currently Amended): The method for acoustical communication according to claim 40, further comprising:

controlling an amplifier with the one or more voice ~~signal~~ signals captured by a third directionally dependent microphone.

Claim 44 (Currently Amended): The method for acoustical communication according to claim 40, further comprising:

processing the one or more voice ~~signal~~ signals captured by a directionally dependent microphone based on reference filters.

Claim 45 (Previously Presented): The method for acoustical communication according to claim 40, wherein the at least one directionally dependent microphone is included in at least one microphone array.

Claim 46 (Original): The method for acoustical communication according to claim 45, wherein the at least one microphone array is implemented in MEMS technology.

Claim 47 (Currently Amended): The method for acoustical communication according to claim 40, further comprising:

transmitting the one or more captured voice signals to a mobile radio device.

Claim 48 (Previously Presented): The method for acoustical communication according to claim 40, further comprising:

projecting image data onto a retina via a retinal scanning display.

Claim 49 (Previously Presented): The method for acoustical communication according to claim 48, further comprising:

capturing, via a module, a direction of view.

Claim 50 (Previously Presented): The method for acoustical communication according to claim 40, further comprising:

capturing spoken commands via a speech recognition module.

Claim 51 (Currently Amended): The method for acoustical communication according to claim 40, further comprising:

transmitting the one or more captured voice signals to ~~[[an]]~~ the one or more external ~~device~~ devices via at least one of Bluetooth, ZigBee, GSM and a UMTS interface.

Claim 52 (Previously Presented): The method for acoustical communication according to claim 40, further comprising:  
providing power via a power supply of photovoltaic cells.

Claim 53 (Currently Amended): A system for acoustical communication comprising:  
an eyeglass frame having

a plurality of recording means for capturing one or more voice signals,  
communication means for transmitting the one or more captured voice signals  
to one or more external electronic devices, [[and]]

control means for dynamically adjusting directional dependence of at least  
[[one]] a first recording means of the plurality of recording means, ~~the control means~~  
~~adaptively adjusting the position of the at least one first recording means~~ based on the  
one or more voice signals captured by the first recording means and at least [[one]] a  
second recording means of the plurality of recording means, and  
ear engagement means for holding the second recording means.

Claim 54 (New): The system for acoustical communication according to claim 27,  
wherein the control module adjusts a position of at least the first directionally dependent  
microphone based on the one or more voice signals captured by the first directionally  
dependent microphone and at least a second directionally dependent microphone of the  
plurality of directionally dependent microphones.